

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To:

KRONE GMBH
Beeskowdamm 3-11
D-14167 Berlin
GERMANY

[rubber stamp]

PCT

NOTIFICATION OF TRANSMITTAL OF
INTERNATIONAL PRELIMINARY
EXAMINATION REPORT

(PCT Rule 71.1)

Date of mailing (day/month/year)	06.10.2004
-------------------------------------	------------

Applicant's or agent's file reference 02-005 PC/868	IMPORTANT NOTIFICATION	
--	------------------------	--

International application No. PCT/EP 03/07880	International filing date (day/month/year) 18.07.2003	Priority date (day/month/year) 08.08.2002
--	--	--

Applicant KRONE GMBH

1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.
4. REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices) (Article 39(1)) (see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

The Applicant's attention is drawn to Article 33(5), which provides that the criteria of novelty, inventive step and industrial applicability described in Article 33(2) to (4) merely serve the purpose of international preliminary examination and that "any Contracting State may apply additional or different criteria for the purpose of deciding whether, in that State, the claimed invention is patentable or not" (see also Article 27(5)). Such additional criteria may relate, for example, to exemptions from patentability, requirements for enabling disclosure, clarity and support for the claims.

Name and mailing address of the IPEA	Authorized officer:
 European Patent Office - P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk - Netherlands Tel. +31 70 340-2040 Tx: 31 651 epo nl Fax: +31 70 340-3016	Bauer, J  Tel. +31 70 340-3238

PATENT COOPERATION TREATY
PCT
INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or Agent's file reference 02-005 PC/868	See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/EP 03/07880	FOR FURTHER ACTION International filing date (day/month/year) 18.07.2003	Priority date (day/month/year) 08.08.2002
International Patent Classification (IPC) or national classification and IPC H01R13/66		
Applicant KRONE GMBH		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.

2. This REPORT consists of a total of 5 sheets including this title page.

This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Instruction 607 of Administrative Instructions of the PCT).

These annexes consist of a total of sheets.

3. This report contains indications relating to the following items:

- I Basis of the report
- II Priority
- III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV Lack of unity of invention
- V Reasoned statement according to Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI Certain documents cited
- VII Certain defects in the international application
- VIII Certain observations on the international application

Date of submission of the demand 08.12.2003	Date of completion of this report 06.10.2004
Name and mailing address of the IPEA  European Patent Office - P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk - Netherlands Tel. +31 70 340-2040 Tx: 31 651 epo nl Fax: +31 70 340-3016	Authorized officer:  Salorjärvi, K Telephone No. +31 70 340-4036

INTERNATIONAL PRELIMINARY
EXAMINATION REPORT

International application No. PCT/EP 03/07880

I. Basis of the report

1. This report has been drawn up on the basis of the following elements (*the replacement sheets received by the receiving office in response to an invitation according to Article 14 are considered in the present report as "originally filed" and are not annexed to the report as they contain no amendments (Rules 70.16 and 70.17.)*):

Description, pages:

1-7 as originally filed

Claims, No.:

1-12 as originally filed

Drawings, sheets:

1/4-4/4 as originally filed

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language which is:

- the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- the language of publication of the international application (under Rule 48.3(b)).
- the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- contained in the international application in written form.
- filed together with the international application in computer readable form.
- furnished subsequently to this Authority in written form.
- furnished subsequently to this Authority in computer readable form.
- The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. The amendments have resulted in the cancellation of:

- the description, pages:
- the claims, Nos.:
- the drawings, sheets:

INTERNATIONAL PRELIMINARY
EXAMINATION REPORT

International application No. PCT/EP 03/07880

5. This report has been written disregarding (some of) the amendments, which were considered as going beyond the description of the invention, as filed, as is indicated below (Rule 70.2(c)):

(All replacement sheets comprising amendments of this nature should be indicated in point 1 and attached to this report).

6. Additional observations, if necessary:

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty	Yes:	Claims	1-12
	No:	Claims	
Inventive Step	Yes:	Claims	1-12
	No:	Claims	
Industrial Applicability	Yes:	Claims	1-12
	No:	Claims	

2. Citations and explanations

see separate sheet

Re Item V

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. The following document is cited:

D1: DE 100 29 649 A

2. NOVELTY

- 2.1. The document D1 is regarded as the closest prior art to the subject matter of Claim 1. It discloses (the references in brackets relate to this document):

A distribution box connection module (1) for telecommunications and data technology, comprising a housing (3) in which externally accessible input and output contacts (4, 5) are arranged for the connection of cables and cores, with the housing being formed with a cavity (see Figure 1) in which at least one printed circuit board (6) is arranged, with the input and output contacts being arranged on the opposite end faces of the housing (see, for example, Figure 1), and with the input contacts being associated with one input side and the output contacts being associated with one output side, and the output contacts being in the form of at least one plug connector (see Figure 1, plug connection 20), and with the input contacts (4, 9) being connected via the at least one printed circuit board to the output contacts (20) in the plug connector.

- 2.2. The subject matter of Claim 1 thus differs from the known distribution box connection module in that:

the input contacts are in the form of at least two mutually opposite rows of contacts, with at least two input contacts in the first row and at least two input contacts in the second row being connected to the output contacts of the at least one plug connector.

- 2.3. The subject matter of Claim 1 is thus novel (Article 33(2) PCT).

3. INVENTIVE STEP

- 3.1. The object to be achieved by the present invention can thus be regarded as being to provide a user-friendly distribution box connection module for telecommunications and data technology such that jumpering via the plug connector is very simple, and it is possible to use prefabricated cables.
- 3.2. The prior art as per the cited documents does not indicate this solution.
- 3.3. The subject matter of the application is thus regarded as being based on an inventive step (Article 33(3) PCT).

4. DEPENDENT CLAIMS

Claims 2-12 are dependent claims and relate to further embodiments of the subject matter of Claim 1, and thus satisfy the requirements of Article 33(2) and (3) PCT.

5. INDUSTRIAL APPLICABILITY

The subject matter of the present application relates to a distribution box connection module for telecommunications and data technology, which obviously has industrial applicability.